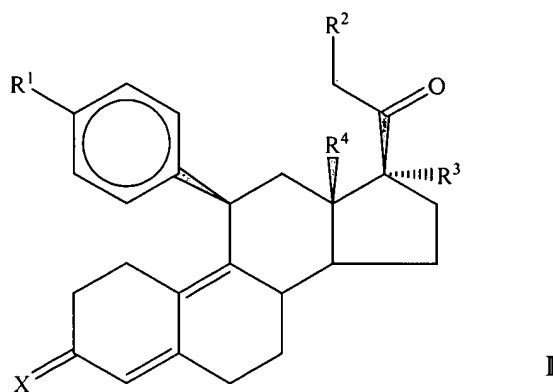


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A compound having the general formula:



wherein:

R^1 is a member selected from the group consisting of $-OCH_3$, $-SCH_3$, $-N(CH_3)_2$, $-NHCH_3$, $-NC_4H_8$, $-NC_5H_{10}$, $-NC_4H_8O$, $-CHO$, $-CH(OH)CH_3$, $-C(O)CH_3$, $-O(CH_2)_2N(CH_3)_2$, $-O(CH_2)_2NC_4H_8$, and $-O(CH_2)_2NC_5H_{10}$;

R^2 is a member selected from the group consisting of hydrogen, halogen, alkyl, acyl, hydroxy, alkoxy, acyloxy, alkylcarbonate, cypionyloxy, S-alkyl, $-SCN$, S-acyl, and $-OC(O)R^6$, wherein R^6 is a member selected from the group consisting of alkyl, alkoxy ester and alkoxy;

R^3 is a member selected from the group consisting of alkyl-alkoxy, alkoxy and acyloxy;

R^4 is a member selected from the group consisting of hydrogen and alkyl;

X is a member selected from the group consisting of $=O$ and $=N-OR^5$, wherein R^5 is a member selected from the group consisting of hydrogen and alkyl; and

wherein:

17 if R¹ is -C(O)CH₃, -OCH₃, -SCH₃, -N(CH₃)₂ or -NHCH₃, R² is hydrogen, R³ is
18 acetyloxy and R⁴ is methyl, then X is other than =O and =N-OR⁵, wherein R⁵ is methyl; ~~and~~
19 ~~if R¹ is -N(CH₃)₂, R² is hydroxy, R⁴ is alkyl and X is =O, then R³ is other than~~
20 ~~hydroxy.~~

1 Claim 2 (original): The compound in accordance with claim 1, wherein R¹ is a
2 member selected from the group consisting of -N(CH₃)₂, -NC₄H₈, -NC₅H₁₀, -NC₄H₈O,
3 -C(O)CH₃, -O(CH₂)₂N(CH₃)₂, -O(CH₂)₂NC₄H₈, and -O(CH₂)₂NC₅H₁₀.

1 Claim 3 (previously presented): The compound in accordance with claim 1,
2 wherein R² is a member selected from the group consisting of hydrogen, acyloxy, alkoxy, -SAc,
3 -SCN, -OC(O)CH₂N(CH₃)₂, and -OC(O)R⁶, wherein R⁶ is a member selected from the group
4 consisting of alky, alkoxy ester and alkoxy.

1 Claim 4 (withdrawn): The compound in accordance with claim 3, wherein R² is
2 -OC(O)R⁶ and R⁶ is a member selected from the group consisting of -CH₂CH₃, -CH₂OCH₃ and
3 -OCH₃.

1 Claim 5 (original): The compound in accordance with claim 1, wherein R² is an
2 alkoxy selected from the group consisting of methoxy, ethoxy, vinyloxy, ethynyloxy and
3 cyclopropyloxy.

1 Claim 6 (previously presented): The compound in accordance with claim 1,
2 wherein R³ is a member selected from the group consisting of alkoxy and acyloxy.

1 Claim 7 (original): The compound in accordance with claim 1, wherein R⁴ is
2 alkyl.

1 Claim 8 (original): The compound in accordance with claim 1, wherein X is =O.

1 Claim 9 (withdrawn): The compound in accordance with claim 1, wherein X is
2 =N-OR⁵.

1 Claim 10 (withdrawn): The compound in accordance with claim 1, wherein:
2 R¹ is -N(CH₃)₂;
3 R² is hydrogen;
4 R³ is acyloxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 11 (withdrawn): The compound in accordance with claim 10, wherein R³
2 is acyloxy selected from the group consisting of -OC(O)H, -OC(O)CH₂CH₃ and -OC(O)C₆H₁₃.

1 Claim 12 (withdrawn): The compound in accordance with claim 1, wherein:
2 R¹ is -N(CH₃)₂;
3 R² is hydrogen;
4 R³ is methoxymethyl;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 13 (withdrawn): The compound in accordance with claim 1, wherein:
2 R¹ is -NC₄H₈;
3 R² is hydrogen;
4 R³ is acetoxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 14 (withdrawn): The compound in accordance with claim 1, wherein:
2 R¹ is -NC₅H₁₀;

3 R² is hydrogen;
4 R³ is acetoxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 15 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -NC₄H₈O;
3 R² is hydrogen;
4 R³ is acetoxy;
5 R⁴ is methyl; and
6 X is =O.

 Claim 16 (canceled)

1 Claim 17 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -SCH₃;
3 R² is hydrogen;
4 R³ is acetoxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 18 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;
3 R² is hydrogen;
4 R³ is methoxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 19 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -NC₅H₁₀;

3 R² is hydrogen;

4 R³ is methoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim 20 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -NC₅H₁₀;

3 R² is acetoxy;

4 R³ is acetoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim 21 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -C(O)CH₃;

3 R² is acetoxy;

4 R³ is acetoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim 22 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -C(O)CH₃;

3 R² is -SAc;

4 R³ is acetoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **23** (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -C(O)CH₃;

3 R² is methoxy;

4 R³ is methoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **24** (original): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;

3 R² is methoxy;

4 R³ is methoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **25** (original): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;

3 R² is methoxy;

4 R³ is ethoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **26** (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -NC₄H₉;

3 R² is methoxy;

4 R³ is methoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **27** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-NC_5H_{10}$;

3 R^2 is methoxy;

4 R^3 is methoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim **28** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-NC_5H_{10}$;

3 R^2 is methoxy;

4 R^3 is acetoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim **29** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-C(O)CH_3$;

3 R^2 is methoxy;

4 R^3 is acetoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim **30** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-O(CH_2)_2N(CH_3)_2$;

3 R^2 is methoxy;

4 R^3 is acetoxy;

5 R^4 is methyl; and

6 X is $=O$.

Claim 31 (withdrawn): The compound in accordance with claim 1, wherein:

R^1 is $-O(CH_2)_2NC_4H_8$;

R^2 is methoxy;

R^3 is acetoxy;

R^4 is methyl; and

X is $=O$.

Claim 32 (withdrawn): The compound in accordance with claim 1, wherein:

R^1 is $-O(CH_2)_2NC_5H_{10}$;

R^2 is methoxy;

R^3 is acetoxy;

R^4 is methyl; and

X is $=O$.

Claim 33 (withdrawn): The compound in accordance with claim 1, wherein:

R^1 is $-N(CH_3)_2$;

R^2 is $-OC(O)CH_2CH_3$;

R^3 is acetoxy;

R^4 is methyl; and

X is $=O$.

Claim 34 (withdrawn): The compound in accordance with claim 1, wherein:

R^1 is $-N(CH_3)_2$;

R^2 is $-OC(O)CH_2OCH_3$;

R^3 is acetoxy;

R^4 is methyl; and

X is $=O$.

1 Claim 35 (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is $-OC(O)OCH_3$;

4 R^3 is acetoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim 36 (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is $-OCH=CH_2$;

4 R^3 is acetoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim 37 (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is $-OCH=CH_2$;

4 R^3 is methoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim 38 (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is $-OCH=CH_2$;

4 R^3 is ethoxy;

5 R^4 is methyl; and

6 X is $=O$.

1 Claim 39 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;
3 R² is -SCN;
4 R³ is acetoxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 40 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;
3 R² is -OC(O)H;
4 R³ is -OC(O)H;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 41 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;
3 R² is -OC(O)H;
4 R³ is hydroxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim 42 (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -N(CH₃)₂;
3 R² is -OC(O)CH₂N(CH₃)₂;
4 R³ is acetoxy;
5 R⁴ is methyl; and
6 X is =O.

1 Claim **43** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-NC_5H_{10}$;

3 R^2 is hydrogen;

4 R^3 is acetoxy;

5 R^4 is methyl; and

6 X is $=N-OR^5$, wherein R^5 is hydrogen.

1 Claim **44** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is hydrogen;

4 R^3 is methoxy;

5 R^4 is methyl; and

6 X is $=N-OR^5$, wherein R^5 is hydrogen.

1 Claim **45** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-NC_5H_{10}$;

3 R^2 is hydrogen;

4 R^3 is methoxy;

5 R^4 is methyl; and

6 X is $=N-OR^5$, wherein R^5 is hydrogen.

1 Claim **46** (withdrawn): The compound in accordance with claim 1, wherein:

2 R^1 is $-N(CH_3)_2$;

3 R^2 is methoxy;

4 R^3 is methoxy;

5 R^4 is methyl; and

6 X is $=N-OR^5$, wherein R^5 is hydrogen.

1 Claim **47** (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -NHCH₃;

3 R² is methoxy;

4 R³ is acetoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **48** (withdrawn): The compound in accordance with claim 1, wherein:

2 R¹ is -NHCH₃;

3 R² is acetoxy;

4 R³ is acetoxy;

5 R⁴ is methyl; and

6 X is =O.

1 Claim **49** (original): A pharmaceutical composition comprising an effective
2 amount of a compound in accordance with claim 1 and a pharmaceutically acceptable excipient.

1 Claim **50** (withdrawn): A method of producing an antiprogestational effect in a
2 patient, said method comprising administering to said patient an effective amount of a compound
3 in accordance with claim 1.

1 Claim **51** (withdrawn): A method of inducing menses in a patient, said method
2 comprising administering to said patient an effective amount of a compound in accordance with
3 claim 1.

1 Claim **52** (withdrawn): A method of treating endometriosis, said method
2 comprising administering to said patient an effective amount of a compound in accordance with
3 claim 1.

1 Claim **53** (withdrawn): A method of treating dysmenorrhea, said method
2 comprising administering to said patient an effective amount of a compound in accordance with
3 claim 1.

1 Claim **54** (withdrawn): A method of treating endocrine hormone-dependent
2 tumors, said method comprising administering to said patient an effective amount of a compound
3 in accordance with claim 1.

1 Claim **55** (withdrawn): A method of treating meningiomas, said method
2 comprising administering to said patient an effective amount of a compound in accordance with
3 claim 1.

1 Claim **56** (withdrawn): A method of treating uterine fibroids in a patient, said
2 method comprising administering to said patient an effective amount of a compound in
3 accordance with claim 1.

1 Claim **57** (withdrawn): A method of inhibiting uterine endometrial proliferation
2 in a patient, said method comprising administering to said patient an effective amount of a
3 compound in accordance with claim 1.

1 Claim **58** (withdrawn): A method of inducing labor, said method comprising
2 administering to a patient an effective amount of a compound in accordance with claim 1.

1 Claim **59** (withdrawn): A method of contraception, said method comprising
2 administering to a patient an effective amount of a compound in accordance with claim 1.

1 Claim **60** (withdrawn): A method of postcoital contraception, said method
2 comprising administering to a patient an effective amount of a compound in accordance with
3 claim 1.

1 Claim **61** (previously presented): The compound in accordance with claim 1,
2 wherein:

3 R^1 is $-N(CH_3)_2$;
4 R^2 is methoxy;
5 R^3 is acetoxy;
6 R^4 is methyl; and
7 X is =O.

1 Claim **62** (previously presented): The compound in accordance with claim 1,
2 wherein:

3 R^1 is $-N(CH_3)_2$;
4 R^2 is acetoxy;
5 R^3 is acetoxy;
6 R^4 is methyl; and
7 X is =O.

1 Claim **63** (previously presented): The compound in accordance with claim 1,
2 wherein:

3 R^1 is $-N(C)H_3)_2$;
4 R^2 is ethoxy;
5 R^3 is acetoxy;
6 R^4 is methyl; and
7 X is =O.

1 Claim **64** (previously presented): The compound in accordance with claim 1,
2 wherein:

3 R^1 is $-N(CH_3)_2$;

4 R^2 is $-\text{OC}(\text{O})\text{CH}_2\text{CH}_2\text{C}_5\text{H}_9$;
5 R^3 is acetoxy;
6 R^4 is methyl; and
7 X is $=\text{O}$.

1 Claim 65 (previously presented): The compound in accordance with claim 1,
2 wherein:

3 R^1 is $-\text{N}(\text{CH}_3)_2$;
4 R^2 is hydroxy;
5 R^3 is acetoxy;
6 R^4 is methyl; and
7 X is $=\text{O}$.